

8 cm Portable MP3-CD Player

EXP 411



EXPANUM

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PHILIPS

8 cm Portable MP3-CD Player

English

Français

Español

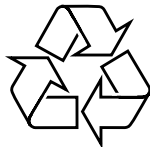
Nederlands

Meet Philips at the Internet
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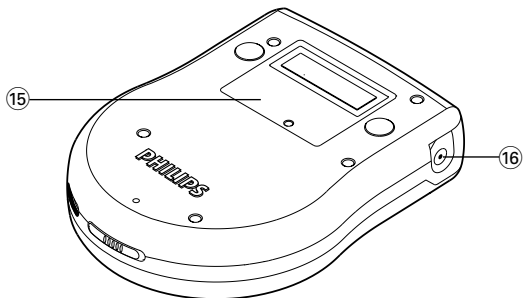
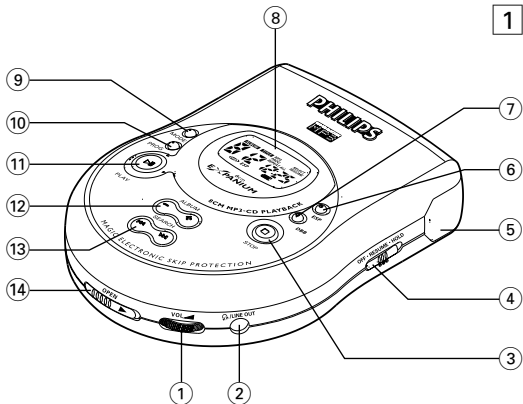
Printed in China

**CLASS 1
LASER PRODUCT**

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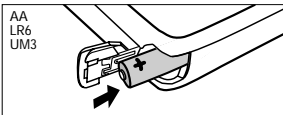
1



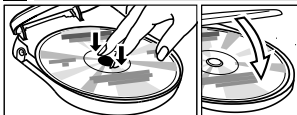
1 OPEN



2



3 CD



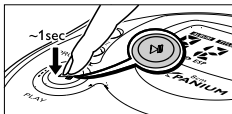
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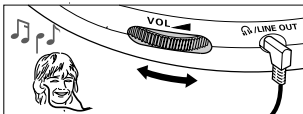
5 HOLD→OFF



6 PLAY










7 VOLUME



English

CONTROLS (see figure 1)

- 1 VOL adjusts the volume
- 2 LINE OUT/3.5 mm line out to connect
-the headphones
-this set to the audio input of your stereo equipment
- 3 stops playback, clears a programme and switches the set off
- 4 OFF·RESUME·HOLD
OFFswitches RESUME and HOLD off
RESUMEstores the last position played
HOLDlocks all buttons
- 5battery compartment
- 6 ESP**E**lectronic **S**kip **P**rotection prevents music interruptions caused by shocks or vibrations
- 7 DBB**D**ynamic **B**ass **B**oost, selects the bass enhancement
- 8display
- 9 MODEselects the different playing possibilities such as
SHUFFLE or **REPEAT**
- 10 PROGRAMprograms tracks and lets you review the programme
- 11 switches the set on, starts playback and interrupts playback
- 12 MP3-CD only: selects the next/previous album or skips forward/backward
- 13 skips forward/backward and searches forward/backward
- 14 OPEN opens the CD lid

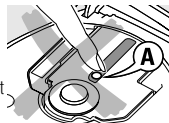
CONTROLS (see figure 1)

- 15type plate
- 16 4.5V DCto connect the external power supply

GENERAL INFORMATION

Maintenance

- Do not touch the lens (A) of the set.
- Do not expose the set, battery or discs to humidity, rain, sand or excessive heat (caused by heating equipment or direct sunlight).
- The lens may cloud over when the set is suddenly moved from cold to warm surroundings. Playing is not possible then. Leave the set in a warm environment until the moisture evaporates.
- Active mobile phones in the vicinity of this set may cause malfunctions.
- Avoid dropping the set as this may cause damage.
- Clean the set with a soft, lint-free cloth. Do not use any cleaning agents as they may have a corrosive effect.
- To clean a disc, wipe it in a straight line from the centre towards the edge using a soft, lint-free cloth. Cleaning agents may damage the disc.



Environmental information

- All redundant packing material has been omitted. We have done our utmost to make the packaging easily separable into three mono materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet).
- Your set consists of materials which can be recycled if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packing materials, exhausted battery and old equipment.

GENERAL INFORMATION

MP3 music files

The music compression technology MP3 (MPEG Audio Layer 3) reduce the digital data of an audio CD significantly while maintaining CD-like sound quality. With MP3, for example, you can record up to 3 hours of CD-like music on a single CD-ROM. This set plays MP3 music files.

How to get music files

Either download legal music files from the Internet to your computer disk or buy pre-recorded music CD. For this, insert an audio CD into your computer's CD-ROM drive and convert the music using an appropriate encoder software. To achieve a good sound quality, a bit rate of 128 kbps or higher is recommended for MP3 music files.

Some encoder software offers an option to protect music files, i. e. the files can only be played on the computer which created them. If you burn such files on a CD-ROM, you cannot play them on this set. Make sure to deactivate the protection option in the encoder software before creating the music files. In this case you are responsible for adherence to all local or international copyrights.

How to organize music files

In order to easily handle the large number of music files on a CD-ROM, you can organize them in folders ("albums").

The tracks of an album will be played in alphabetical order. If you want to arrange them in a certain order, let the file names start with numbers.

For example:

001-ONEWORLD.MP3

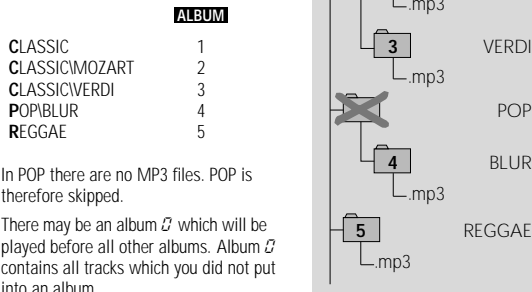
002-FIRESTARTER.MP3

003-DEEP.MP3



GENERAL INFORMATION

This set will play all albums in alphabetical order. An album name includes all folders in which the album is located, e. g. the album VERDI in CLASSIC has the album name CLASSIC\VERDI.

The albums in the illustration will be played in the following way:



In POP there are no MP3 files. POP is therefore skipped.

There may be an album  which will be played before all other albums. Album  contains all tracks which you did not put into an album.

How to make a CD-ROM with MP3

Record ("burn") the music files from your hard disc on a CD-ROM with your computer's CD burner.

Make sure that the file names of the MP3 files end with mp3 .

When burning your MP3-CDs, use either ISO 9660 disc format or UDF. CD burning software like "DirectCD" or others support the UDF format.

GENERAL INFORMATION

Supported formats

This set supports:

- Disc format: ISO 9660, Joliet, Multisession, UDF, Enhanced Music CD, Mixed Mode CD
- Music file format: MP3

MP3 bit rate (data rate): 32–320 kbps and variable bit rate

- Total number of music files and albums: around 350 (with a typical file name length of 20 characters)

Note: The number of music files that can be played depends on the length of the file names. With short file names more files will be supported.

Visit the EXPANUM homepage

<http://www.expanium.philips.com>

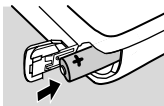
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POWER SUPPLY


Battery (not supplied)

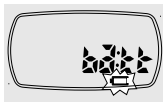
Inserting battery

- Open the battery compartment and insert 1 alkaline battery of type **AA (LR6, UM3)**.
- Remove battery if it is empty or if the set will not be used for a long time.



Indication of empty battery

- Replace the battery or connect the mains adapter as soon as  blinks and 632 is displayed.



Batteries contain chemical substances, so they should be disposed of properly.


POWER SUPPLY/HEADPHONES

Average battery lifetime of 1 alkaline battery ,type AA (LR6, UM3):

Playback of	Audio disc	MP3-CD
ESP off (power-saving mode)	6 hours	5 hours
ESP on	6 hours	3 hours

Notes:

–Power-saving mode doubles your playtime.

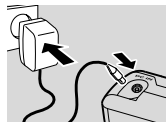
–20 seconds after pressing , the display switches off. After 90 seconds the set switches off automatically.

POWER SUPPLY

Mains adapter

Only use the AY 3170 mains adapter (4.5 V/300 mA direct current, positive pole to the center pin). Any other product may damage the set.

- 1 Make sure the local voltage corresponds to the adapter's voltage. If your mains adapter is equipped with a voltage selector, set this selector to the local mains voltage if necessary.
- 2 Connect the mains adapter to 4.5V DC on the set and to the wall outlet.




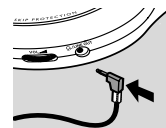
Note: Always disconnect the adapter if you are not using it.

HEADPHONES

Headphones (SBC HE205)

- Connect the supplied headphones to LINE OUT/.

Note: LINE OUT/ can also be used for connecting this set to your HiFi system. To adjust the sound and volume, use the controls on the connected audio equipment and on the CD player.



POWER SUPPLY/HEADPHONES

IMPORTANT!

- **Hearing safety** : Do not play your headphones at a high volume. Hearing experts advise that continuous use at high volume can permanently damage your hearing.
- **Traffic safety** : Do not use headphones while driving a vehicle. It may create a hazard and it is illegal in many countries. Even if your headphones are an open-air type designed to let you hear outside sounds, do not turn up the volume so high that you cannot hear what is going on around you.

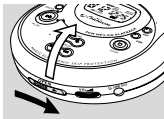
BASIC FUNCTIONS

Playing a disc

With this set you can play

- all pre-recorded audio CDs
- all finalized audio CDR(W)s
- MP3-CDs (CD-ROMs with MP3)

- 1 Push the OPEN ► slider to open the CD lid.
- 2 Insert a disc, printed side up, by pressing gently on the disc's centre so that it fits onto the hub. Close the lid by pressing it down.



- 3 Press ►► to start playback.
→ **CD READ** is displayed. Playback starts.

Audio disc: The current track number and the elapsed playing time are displayed.

MP3-CD: **MP3** is shown. The current album number, track number and the elapsed playing time are displayed.

- 4 Press ■ to stop playback.
→ **Audio disc:** The total number of tracks and the total playing time of the disc are displayed.
→ **MP3-CD:** The total number of albums and tracks are displayed.

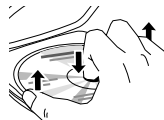
Note : If the total number of album is more than 9, the display will show "—" ; if the total number of tracks is more than 99, the display will show "--".



BASIC FUNCTIONS

- 5 To remove the disc, hold it by its edge and press the hub gently while lifting the disc.

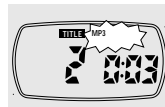
Note: After pressing ►► it may take some time until the first MP3 track is played.



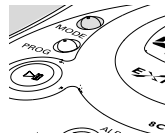
Playing Enhanced Music CDs and Mixed Mode CDs

On Enhanced Music CDs and Mixed Mode CDs there are audio CD tracks as well as computer data (e. g. text files, pictures, MP3 files,...).

- 1 Insert the disc and press ►► to start playback.
→ **CD READ** is displayed. Playback starts. All audio CD tracks will be played.
- 2 If there are MP3 and AAC files on the disc, **MP3** blinks. Keep **MODE** pressed for 2 seconds to select MP3 playback.
→ **CD READ** is displayed. Playback starts with the first track of the first album. All MP3 will be played.
- 3 To return to audio CD playback, keep **MODE** pressed for 2 seconds.

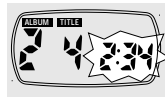


Note: To protect your headphones and your Hi-Fi system from damage, you will hear no sound when a computer (data) file is played. Press ►► to skip to the next track.



Pause

- 1 Press ►► to interrupt playback.
→ The time where playback was interrupted will blink.
- 2 To resume playback press ►► again.




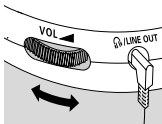
English

BASIC FUNCTIONS

Volume and sound

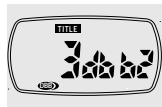
Volume adjustment

- Adjust the volume VOL .






Sound adjustment

- Press DBB for a moderate bass enhancement.
→ **DBB** is shown and *d b b 1* is displayed.
- Press DBB again for a strong bass enhancement.
→ **DBB** is shown and *d b b 2* is displayed.
- Press DBB again to switch the bass enhancement off.
→ **DBB** disappears.



REMOTE CONTROL (SUPPLIED OR OPTIONALLY AVAILABLE)



Use the AY 3767 or AY 3768 cord remote control. The buttons on the remote control have the same functions as the corresponding buttons on the set.

- Press  twice to switch off the set.
- Firmly connect the remote control to LINE OUT  on the set.
- Adjust the volume VOL  on the CD player and remote control.



BASIC FUNCTIONS

Selecting and searching (on all discs)

Selecting a track during playback

- Briefly press  or  once or several times to skip to the beginning of the current, previous or subsequent track.
→ Playback continues with the selected track.



Searching for a passage during playback

- Keep  or  pressed to find a particular passage in a backward or forward direction.
→ Searching is started and playback continues at a low volume. After 2 seconds the search speeds up.
- Release the button at the desired passage.
→ Normal playback continues.



Notes: During REPEAT, SHUFFLE, SHUFFLE ALL, MP3 or while playing a programme, searching is only possible within the current track.

Selecting an album (on MP3-CDs only)

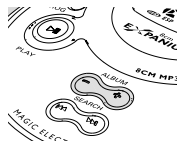
Selecting an album during playback

- Briefly press  or  once or several times to skip to the first track of the current, previous or subsequent album.
→ The first track of the selected album is played.

Selecting a track during playback

- Keep  or  pressed to skip quickly to previous or subsequent MP3 tracks.
→ Skipping starts and speeds up after 2 seconds.
- Release the button at the desired track.
→ Playback continues with the selected track.

Note: To skip from track to track at low speed, use  or .

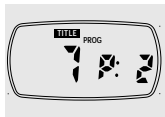
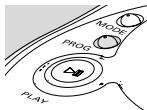


FEATURES

Programming track numbers

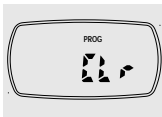
You can select up to 50 tracks and store them in the memory in a desired sequence. You can store any track more than once.

- 1 Select a track with ◀◀ or ▶▶.
 - 2 Press PROGRAM to store the track.
→ **PROGRAM** is shown and **P** with the number of stored tracks is displayed.
 - 3 Select and store all desired tracks in this way.
 - 4 If necessary, press ■ to stop normal playback. Press ▶▶ to start playback of the programme.
→ Playback of the programme starts.
- To add additional tracks to your programme, press ■ to stop playing the programme and continue with step 1.
 - You can review the programme by pressing PROGRAM for more than 3 seconds.
→ All stored tracks are displayed in sequence.



Clearing the programme

- 1 If necessary, press ■ to stop playback.
 - 2 Press ■ to clear the programme.
→ **CL L** is displayed, **PROGRAM** disappears and the programme is cleared.
- If you press **PROGRAM** and there is no track selected, **SEL** is displayed



Notes:

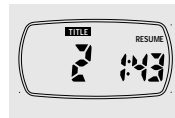
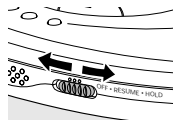
The programme will also be cleared if you interrupt the power supply or open the CD lid or if the set switches off automatically.
After storing 50 tracks, **FULL** is displayed.

FEATURES

Storing the last position played-RESUME

You can store the last position played. When restarting, playback continues from where you have stopped.

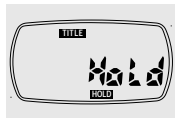
- 1 Switch the slider to RESUME during playback to activate RESUME.
→ **RESUME** is shown.
 - 2 Press ■ whenever you want to stop playback.
 - 3 Press ▶▶ to resume playback.
→ Playback continues from where you have stopped.
- To deactivate RESUME, switch the slider to OFF.
→ **RESUME** disappears.



Locking all buttons-HOLD

You can lock all buttons of the set. When you press any key, no action will be executed then.

- Switch the slider to HOLD to activate HOLD.
→ **HOLD** is shown and all buttons are locked.
When pressing any key, **Hold** is displayed.
- To deactivate HOLD, switch the slider to OFF.
→ **HOLD** disappears.



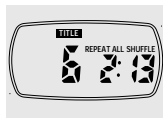
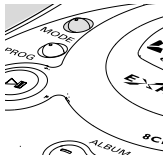
FEATURES

Selecting different playback possibilities-MODE

It is possible to play tracks in random order or to repeat a track, an album or an entire disc.

- 1 Press MODE repeatedly during playback to select either:

- **SHUFFLE** (with MP3-CDs only):
All tracks of the current album are played in random order until all of them have been played once.
- **SHUFFLE ALL**: All tracks of the disc are played in random order until all of them have been played once.
- **SHUFFLE REPEAT** (with MP3-CDs only):
All tracks of the current album are played repeatedly in random order.
- **SHUFFLE REPEAT ALL**: All tracks of the disc are played repeatedly in random order.
- **REPEAT**:



Audio disc: The current track is played repeatedly.

MP3-CD: The current album is played repeatedly.

- **REPEAT ALL**: The entire disc is played repeatedly.

When playing a programme, you can select either:

- **SHUFFLE PROGRAM**: All tracks of the programme are played in random order until all of them have been played once.
- **SHUFFLE REPEAT PROGRAM**: All tracks of the programme are played repeatedly in random order.
- **REPEAT PROGRAM**: All tracks of the programme are played repeatedly.

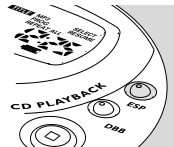
- 2 Playback starts in the chosen mode after 2 seconds.

- 3 To return to normal playback, press MODE repeatedly until the display indication disappears.

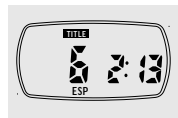
FEATURES

ESP-Electronic Skip Protection

With a conventional portable disc player the music may stop e.g. while you are jogging. The **ELECTRONIC SKIP PROTECTION** protects this set against loss of sound caused by light vibrations or shocks. Continuous playback is ensured. **ESP does not protect the set against damage caused by dropping !**



- Press ESP during playback to activate the skip protection.
→ **ESP** is shown and the protection is activated.
- To deactivate the skip protection, press ESP again.
→ **ESP** disappears and the protection is deactivated.



Beep sound

A beep sound accompanies various key operations. Keep **DBB** pressed for more than 2 seconds to select your beep option.

- If the beep sound has been activated :
→ **beep** is display
- If the beep sound has been deactivated :
→ **no beep** is display



This set complies with the radio interference requirements of the European Community.

TROUBLESHOOTING

WARNING: Under no circumstances should you try to repair the set yourself as this will invalidate the guarantee.

If a fault occurs, first check the points listed before taking the set for repair. If you are unable to solve a problem by following these hints, consult your dealer or service centre.

No power, or playback does not start

- Insert the battery correctly.
- Replace the battery.
- Connect the mains adapter securely.

HOLD indication and/or no reaction to controls

- Deactivate HOLD.

No sound or bad sound quality

- Press ►|| to resume playback.
- Adjust the volume.
- The track is a data file. Press ►| to skip to the next audio CD track.
- Check and clean the LINE OUT/🔊 connections.
- Keep this set away from active mobile phones or strong magnetic fields.

NO CD indication

- Insert a disc, label upwards.
- Clean or replace the disc.
- Wait until the steamed up lens has cleared.

NO DISC indication

- Make sure the inserted CDR(W) is finalized.

DATA indication

- Make sure you have inserted an audio disc or an MP3-CD.

TROUBLESHOOTING

Protect indication and music file is not played

- The music file is protected. Make sure the protection option in your encoder software is deactivated when creating a music file.
- In this case you are responsible for adherenceto all local or international copyrights.

SELECT indication

- Select tracks for programming before you play your program.

Music file is not played

- Wrong format used eg. VCD, word. Make sure the music file names end with mp3

Missing directories on MP3-CD

- Make sure the total number of files and albums on your MP3-CD does not exceed 350.
- Only albums with MP3 files are shown.

The disc skips tracks

- Clean or replace the disc
- Make sure REPEAT, REPEAT ALL, SHUFFLE, SHUFFLE ALL or PROGRAM is switched off.

Music is skipped or popping sound when playing an MP3 file

- If the problem persists, encode the audio track again and make a new CD-ROM.
- CD damaged or dirty. Replace or clean CD.

Music is interrupted and STOP indication

- Switch ESP on.

CAUTION

Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.